

ORDER

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

1110.94

5/25/83

SUBJ: SIMULATOR UTILIZATION COMMITTEE

1. PURPOSE. This order establishes the Simulator Utilization Committee and describes its functions.
2. DISTRIBUTION. This order is being distributed to the branch level in the Offices of Flight Operations, Aviation Safety, Aviation Medicine, and the Program Engineering and Maintenance Service; to branch level in the regional Flight Standards Divisions; to branch level in the Aviation Standards National Field Office; to the FAA Academy Superintendent and the Flight Standards Branch.
3. BACKGROUND. The advanced (Phase II) flight simulator in Boeing 727 configuration, employed at the Mike Monroney Aeronautical Center by the FAA Academy, was obtained for the primary purpose of training FAA Flight Standards inspectors. These training requirements, consisting of flight and job function knowledge and skills, will normally subscribe some 80 percent of total simulator production. Training requirements to be supported by the simulator (course development, scheduling, etc.) will be processed in accordance with Order 3000.6B, Training. The remaining percentage is available to support applied research projects that serve near-term operational needs. These research projects must be within the scope of what can be provided in terms of time available and/or changes in configuration (if required). These research projects could be conducted by a number of internal agency offices such as Flight Operations, Aviation Safety, Aviation Medicine, or the Program Engineering and Maintenance Service, etc. Support for the projects, as for the primary training function, is the responsibility of the FAA Academy. Responsibility for integrating operational research requirements into the simulator, to provide optimum effectiveness, rests with the Simulator Utilization Committee.
4. OBJECTIVES. The effectiveness goals for the advanced B-727 simulator are to meet training requirements 100 percent and maximize the use of the remaining annual production with applied operational research projects. The latter goal will require an organizational review of, and establishment of priorities for, operational research projects to be accomplished in the simulator. These tasks will be the responsibility of the chairperson and members of the Simulator Utilization Committee. Cancellation of a training course in support of applied research must require approval by the Associate Administrator for Aviation Standards, AVS-1.
5. STRUCTURE. The following procedures will apply in the formation and continuation of the Simulator Utilization Committee:

a. The following offices will each appoint one official in Washington headquarters to serve as a representative on the committee: Air Transportation Division, AFO-200; General Aviation and Commercial Division, AFO-800;

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A-Y(VN)-3; AAC-900 (3 cys); AAC-950 (3 cys)

Initiated By: AFO-210

Training Programs Division, APT-300; Biomedical and Behavioral Sciences Division, AAM-500; Navigation and Landing Division, APM-400; Research and Development, Medical, and Security Division, ABU-300. Additionally, the Flight Standards Branch, AAC-950, of the FAA Academy, will appoint a representative to the committee. Those appointed should be individuals who can contribute most to the program and therefore must be familiar with the simulator and the requirements it supports.

b. Members of the committee should hold positions of branch manager or above. Members may delegate an individual who is authorized to act on their behalf. This delegation will be accomplished in writing to the chairperson and reference a specific meeting.

6. CHAIRPERSON. The chairperson of the Simulator Utilization Committee will be the individual who occupies the position of Director of Flight Operations (AFO-1). The duties of the chairperson are as follows:

- a. Call all meetings.
- b. Preside over committee meetings. He/she may appoint the assistant chairperson to serve as the acting chairperson.
- c. Screen projects as required before submitting to the committee.
- d. Request training program reviews as required.
- e. Act on behalf of the committee on administrative matters referred by staff support personnel.

7. APPROVALS. The committee will recommend to the Administrator, for approval, a project list in priority order for execution in the simulator. A current project summary and status will be provided with the list.

8. DUTIES OF THE COMMITTEE. The members of the Simulator Utilization Committee are responsible for the following activities each fiscal year:

- a. During May, review the activities to be supported by the simulator for the next fiscal year. This review will include training. Review the simulator utilization for the first half of the current fiscal year.
- b. In October, review candidate research projects for the next 2 succeeding fiscal years and the utilization for the past fiscal year.
- c. In October, prepare for the Administrator's approval, a recommended list in priority order of research projects for the next fiscal year.
- d. In February, provide to the FAA Academy for programming, the Administrator's approved list of research projects for the next fiscal year.

- e. Consider special subjects as determined by the chairperson.
- f. Maintain a list of general guidelines for establishing project priorities.

9. STAFF SUPPORT. Staff support and central contact point for the Simulator Utilization Committee will be located in the Flight Technical Programs Branch (AFO-210) of the Air Transportation Division, Federal Aviation Administration, 800 Independence Avenue, SW., Washington, D.C. 20591. Summaries of candidate research projects will be provided to AFO-210 by the specific office of management. Configuration requirements and the impact upon simulator scheduling by approved research projects will be provided by the Flight Standards Branch, AAC-950, Mike Monroney Aeronautical Center, Box 25082, 6500 S. MacArthur, Oklahoma City, Oklahoma 73125. AAC-950 is a key element of staff support and will be an integral part of this effort. AAC-950 with AFO-200 will jointly review all candidate research projects to help assess feasibility for support in the simulator, and review a listing of recommended projects prepared by AFO-210 to be submitted to the committee for consideration.



J. Lynn Helms
Administrator

